

Comparisons of Job Characteristics

Focus Occupation: [Emergency Medical Technicians and Paramedics \(29-2041\)](#)

Associated Occupation: [Physician Assistants \(29-1071\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 66

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation: Physician Assistants (29-1071)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Medicine and Dentistry	3.7	22.5	16.4	<< Extensive education and/or training may be required
Biology	3.7	19.4	7.0	<< Extensive education and/or training may be required
Psychology	6.4	18.3	12.5	<< Extensive education and/or training may be required
Customer and Personal Service	11.3	17.9	21.0	> Current knowledge level is likely sufficient
Therapy and Counseling	3.8	17.5	10.5	<< Extensive education and/or training may be required
Chemistry	4.8	11.7	6.0	<< Extensive education and/or training may be required
Sociology and Anthropology	4.1	10.2	5.3	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation: Physician Assistants (29-1071)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Reading Comprehension	10.7	15.1	10.1	<< Extensive development of skills in this area may be required
Critical Thinking	10.8	14.6	12.8	< A higher skill level may be required
Judgment and Decision Making	9.4	13.8	10.5	<< Extensive development of skills in this area may be required

Social Perceptiveness	9.1	13.5	11.2	<	A higher skill level may be required
Service Orientation	7.9	12.8	11.9	0	Current skill level may be sufficient
Monitoring	9.9	12.6	10.6	<	A higher skill level may be required
Science	4.5	12.2	11.1	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 77			
Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041) Associated Occupation: Physician Assistants (29-1071)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	16.0	13.5	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	16.0	12.8	<<	Extensive improvement in abilities may be required
Oral Expression	12.4	15.4	11.9	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	15.0	11.6	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	15.0	11.6	<<	Extensive improvement in abilities may be required
Written Comprehension	11.0	14.2	10.1	<<	Extensive improvement in abilities may be required
Near Vision	11.1	12.8	11.2	<	Some improvement in abilities may be required
Information Ordering	9.9	11.8	10.8	0	Current ability level may be sufficient
Category Flexibility	9.0	10.8	9.6	<	Some improvement in abilities may be required
Speed of Closure	5.9	8.7	8.5	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 78
Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041) Associated Occupation: Physician Assistants (29-1071)		
Work Activities	Exclusivity of Activity	
Administer injections	60	
Administer medications or treatments	46	
Communicate technical information	4	
Inventory medical supplies or instruments	67	
Prepare patient reports	66	

Record medical history or data	68
Take vital signs	56
Understand properties or composition of drugs	64
Use emergency medical procedures	64
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 67

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)
Associated Occupation: Physician Assistants (29-1071)

Tools and Technologies	Exclusivity
Acute care monitoring units and related products	22
Blood pressure units and related products	11
Casting and splinting supplies	25
Computers	1
Electrocardiography EKG units and related products	20
Emergency medical services extricating and immobilizing and transporting products	35
Emergency medical services resuscitation products	15
Industry specific software	1
Injection and aspiration needles and accessories	25
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial tubing and administration sets and related products	22
Intravenous infusion pumps and its analyzers and sensors and its accessories	31
Intubation supplies	21
Medical suction and vacuum products	33
Patient point of care testing supplies and equipment	23
Pulse oximeters	18
Respiratory humidity and aerosol therapy products	31
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Surgical cutting instruments and snares and related products	24
Syringes and accessories	14
Thoracentesis products	47

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.